

MODIS sensor Working Group (MsWG) Meeting Summary

Dec 20, 2006

Attendance: Jack Xiong, Aisheng Wu, Xiaobo Xie, Gary Toller, Bryan Breen, Gene Eplee, Eric Vermote, Chris Moeller, James Kuyper, Bill Barnes, Vince Salomonson, Zhengming Wan, Brian Wenny

Scheduled Agenda

Item 1: Recent L1B LUT delivery

- Aqua forward update – V5.0.7.16 (Dec. 13)
- Aqua forward update – V4.3.1.36 (Nov. 13)
- Current plan calls for Collection 4 updates to end in mid-Jan 2007

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations.

Item 3: MCST recent activities

- Continuing analysis of RVS issue. Internal review of progress.
- Re-evaluation of a0/a2 update strategy. Report in preparation.
- Communicated concerns to MODAPS regarding the ability of users to order the ‘bad’ data from the Terra reset periods. The proposed plan to use a similar strategy as that used by the GDAAC to block these granules is being implemented.

Item 4: Around the Table

EV: raised an issue regarding the fill values used for inoperable detectors. Currently the L1B code interpolates a value from adjacent good detectors. This can lead to users ‘downstream’ being unaware that these are fill values and that these detectors have problems. He proposes a fill value to make it unambiguous that these are bad detectors.

CM: For uniform scenes, the interpolated value will be close to the truth and any changes to the L1B product at this point will affect the higher level products and other researchers algorithms.

JX: Each discipline teams needs to be consulted to determine what impact changing the fill value will have and agree on an approach. E. Vermote – Land, C. Moeller – Atmosphere, and G. Eplee – Oceans will check and report back at the next meeting if possible. Whatever the decision it will be relatively easy for MCST to implement but will require a code change.

Next Meeting: Jan. 10, 2007